



Certificate of Analysis

Custom Standard

Product Number: CUS-7011

Page: 1 of 2

Lot Number: CH-3235

Lot Issue Date: 05-Oct-2011

Expiration Date: 30-Nov-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
TAME	000994-05-8	RM00554	100.5 ± 0.5 µg/mL
benzene	000071-43-2	34097	100.3 ± 0.5 µg/mL
EDB	000106-93-4	TB-101777	100.3 ± 0.5 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	100.3 ± 0.5 µg/mL
ethylbenzene	000100-41-4	01558CC	100.3 ± 0.5 µg/mL
ethyl tert-butyl ether	000637-92-3	RM02196	100.5 ± 0.5 µg/mL
2-methyl-2-pentanol	000590-36-3	RM02366	1004 ± 5 µg/mL
isopropylbenzene	000098-82-8	02827BH	100.3 ± 0.5 µg/mL
isopropyl ether	000108-20-3	02151KQ	100.3 ± 0.5 µg/mL
MTBE	001634-04-4	37289	100.3 ± 0.5 µg/mL
ethanol	000064-17-5	RM01314	10033 ± 50 µg/mL
naphthalene	000091-20-3	14205KB	100.3 ± 0.5 µg/mL
tert-amyl alcohol	000075-85-4	RM02466	1003 ± 5 µg/mL
t-butanol (2-methyl-2-propanol)	000075-65-0	RM00555	1003 ± 5 µg/mL
tert-butyl formate	000762-75-4	RM01820	1003 ± 5 µg/mL
toluene	000108-88-3	47144	100.3 ± 0.5 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	100.3 ± 0.5 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	100.3 ± 0.5 µg/mL
o-xylene	000095-47-6	DO-06834CO	100.3 ± 0.5 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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m-xylene	000108-38-3	DI-00459CI	100.3 ± 0.5 µg/mL
p-xylene	000106-42-3	03747LN	100.3 ± 0.5 µg/mL
xylenes (total)	001330-20-7	N/A	300.9 ± 1.5 µg/mL
2-methylnaphthalene	000091-57-6	RM01258	100.5 ± 0.5 µg/mL
sec-butylbenzene	000135-98-8	07610JE	100.3 ± 0.5 µg/mL
tert-butylbenzene	000098-06-6	MQ-04010MQ	100.3 ± 0.5 µg/mL
n-butylbenzene	000104-51-8	AA-28519CO	100.3 ± 0.5 µg/mL
4-isopropyltoluene	000099-87-6	PP-05104CP	100.3 ± 0.5 µg/mL
n-propylbenzene	000103-65-1	LO-14503MR	100.3 ± 0.5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

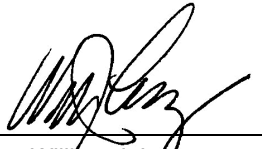
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